



# **Kentucky Heritage Land Conservation Fund Board**



**Annual Report  
July 1, 2003 - June 30, 2004**

# KENTUCKY HERITAGE LAND CONSERVATION FUND BOARD

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## Ninth Annual Report

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*Solidago shortii* at Old Bison Trace, Fleming and Robertson counties. This plant is on the federal list of threatened and endangered species.

## MISSION

The Kentucky Heritage Land Conservation Fund (KHLCHF) was established by the 1994 Kentucky Legislature and is administered by a 12-member board. The board's mission is to award funding for the purchase and preservation of selected natural areas in the Commonwealth; to protect rare and endangered species and migratory birds; to save threatened areas of natural importance; and to provide natural areas for public use, outdoor recreation and education.

The fund is supported by the state portion of the unmined minerals tax, environmental fines, the \$10 additional fee to purchase a Kentucky nature license plate and interest on the fund's assets.

The board can award grants to acquire and protect areas of natural significance to local governments, state colleges and universities and specified state agencies.

## ELIGIBILITY CRITERIA

Applicants for KHLCHF grants are required to provide documentation that explains how a proposed acquisition will meet one or more of these priorities:

1. Natural areas that possess unique features such as a habitat for rare and endangered species;
2. Areas important to migratory birds;
3. Areas that perform important natural functions that are subject to alteration or loss; and
4. Areas to be preserved in their natural state for public use, outdoor recreation and education.

Applications must also include: (1) an enumeration of costs, (2) a budget that indicates how at least 10 percent of acquisition costs will be spent for management and (3) a preliminary resource management plan for the project. During fiscal year 2004, the Kentucky Heritage Land Conservation Fund Board held four regularly scheduled quarterly meetings to consider applications for funding.



## SUMMARY OF ACTIVITIES

This has been another eventful year for the Kentucky Heritage Land Conservation Fund Board (KHLCFB). The board reviewed numerous applications and approved 13 projects in 14 counties in fiscal 2004. Since the first awards were made in October 1995, the board has approved 128 projects in 60 counties.

This year, local government projects were approved in Hart and Jessamine counties; state agency projects were approved in Adair, Allen, Fleming, Franklin, Fulton, Hart, Hickman, Laurel, Lincoln, McCreary, Robertson, Taylor and Wolfe counties.

Nearly 2,800 acres of natural areas and wildlife habitat were purchased or protected with Heritage Land funds during fiscal 2004. Purchases were made on 10 projects, including the Upper Green River Biological Preserve in Hart County and Griffith Woods in Harrison County. The Hart County acquisition will help protect significant freshwater mussel habitat and the tract in Harrison County is considered to be the best remaining remnant of the original savanna-woodland that characterized the presettlement vegetation of the Inner Bluegrass. A complete list of properties purchased or protected in FY 2004 is at the end of this summary.

Almost 23,000 acres involving 78 projects have been purchased since October 1995. Costs of these projects (acquisition, administration and management) exceed \$25 million. Sizes of projects are as follows:

> 1,000 acres	5 projects
500 - 999 acres	5 projects
100 - 499 acres	36 projects
10 - 99 acres	27 projects
< 10 acres	5 projects

The board this year held two of its quarterly meetings outside Frankfort so members could visit purchased properties. In October 2003, following a site visit to Griffith Woods in Harrison County, the board met at the Kentucky Horse Park. In April 2004, the board visited the Highview Hill and Ohio County Park Addition in Ohio County.

Popularity of the viceroy butterfly nature license plate has surpassed expectations. Sales of all three nature license plates exceeded \$1 million for the year.

Nevertheless, the board remains concerned with the continuing and increasing problem of money. More and more significant projects either cannot be funded or must be funded on a partial basis over an extended period of time, which makes the program dependent on the willingness of property owners to be patient for several years while funds slowly accumulate. A project requiring immediate purchase is subject to being sold for development and lost forever from Kentucky's natural landscape.



*Legacy State Forest, Adair and Taylor counties*

## Fiscal Year 2004 Purchases

PROJECT	AGENCY	COUNTY	ACRES
Boatwright WMA Addition	Fish and Wildlife Resources	Ballard	443
White Oak Creek Addition #3	KSNPC	Garrard	5
Hi Lewis Pine Barrens (private dedication)	KSNPC	Harlan	138
Bluegrass Savanna-Woodland	University of Kentucky	Harrison	393
Upper Green River Biological Preserve	Western Kentucky University	Hart	215
Hidden River Cave	City of Horse Cave	Hart	4
Lincoln County Barrens	KSNPC	Lincoln	260
Livingston County WMA & Nature Preserve	Livingston Co. Fiscal Court	Livingston	1,005
Baker Natural Area	Logan Co. Conservation Districts	Logan	66
Oldham County Conservation Park	Oldham Co. Fiscal Court	Oldham	228
		Total Acreage	2,757

## **APPROVED PROJECTS**

(July 1, 2003 to June 30, 2004)

### **Competitive Grants**

#### **JESSAMINE COUNTY FISCAL COURT**

##### **Jessamine Creek Preservation, Jessamine County, 226 acres**

This project includes acquisition of three parcels along Jessamine Creek. Overstreet Cave, possibly the most significant gray bat cave in central Kentucky, is on one of these parcels. Several rare and threatened plant species are also found on these tracts. There is significant development pressure in the immediate vicinity and acquisition will ensure protection of the cave and foraging areas used by the bats, as well as biologically sensitive habitats.

#### **WESTERN KENTUCKY UNIVERSITY**

##### **East Mammoth Cave Educational Reserve, Hart County, 130 acres**

This property contains the Weller entrance to Mammoth Cave, one of six known private entrances to Mammoth Cave. It is the only entrance currently not monitored and the entire cave system could be endangered from this unprotected entrance. The property is close to the Upper Green River Biological Preserve, also purchased with Kentucky Heritage Land funds. Purchase of the tract will also provide additional habitat for migratory birds.

### **State Agency Grants**

#### **KENTUCKY DEPARTMENT OF FISH AND WILDLIFE RESOURCES**

##### **Legacy State Forest, Adair and Taylor Counties, 3,000 acres**

This tract is the largest remaining block of privately owned forest in the south central region of Kentucky. It is bordered on three sides by the 3,200-acre Green River Wildlife Management Area. Acquisition of this land will create 25,000 acres of publicly owned contiguous property. This property is important to migratory birds because it is not fragmented. The forest is considered second-growth and provides good habitat for wildlife. Recreational uses of the property will include hunting and hiking.

##### **Obion Creek Addition, Fulton and Hickman Counties, 1,078 acres**

The primary goals of acquisition of these two tracts is to link two existing wildlife management areas, increase the number of perpetually protected wetland acres in the region, provide additional resting and feeding areas for migratory birds and expand outdoor recreational opportunities for Kentucky sportsmen and women.

#### **DIVISION OF FORESTRY**

##### **Legacy State Forest, Adair and Taylor Counties, 3,000 acres**

See description under Kentucky Department of Fish and Wildlife Resources

## **KENTUCKY STATE NATURE PRESERVES COMMISSION (KSNPC)**

### **Carpenter Cave, Allen County, 14 acres**

The current property owners have donated a conservation easement to the Kentucky State Nature Preserves Commission. The relatively undisturbed cave on this property is a significant maternity cave for the federally endangered gray bat. Based on population counts at the cave, the population appears to be increasing in size and importance.

### **Feindel Tract, Franklin County, 15 acres**

The owner of this tract will donate a conservation easement on approximately 15 acres containing Braun's rockcress and associated habitat. Braun's rockcress is one of Kentucky's rarest plants and has been added as an endangered species to the Federal List of Endangered and Threatened Wildlife and Plants. This tract supports a high quality occurrence of the plant and will offer permanent protection to the population.

### **Lincoln County Barrens State Nature Preserve, Lincoln County, 504 acres**

This site is a large native grassland remnant that is unique not only for the Outer Bluegrass Region but for the state. Limestone barrens, gravelly glades and open grassland habitat are interspersed with subseric forests on several broad ridge tops and side slopes above a tributary of the Dix River. Several rare species are found on the property.

### **Old Bison Trace, Fleming and Robertson Counties, 128 acres**

This property will be acquired, dedicated and managed as a state nature preserve to protect the endangered Short's goldenrod. The site consists mainly of successional oak-hickory forest cover dominated by shingle oak and red cedar. A healthy population of Short's goldenrod occurs on the tract, along the bison trace and in the more open areas of the nearby forest.

## **DEPARTMENT OF PARKS**

### **Legacy State Forest, Adair and Taylor Counties, 3,000 acres**

See description under Kentucky Department of Fish and Wildlife Resources

## **DIVISION OF WATER — WILD RIVERS PROGRAM**

### **Angel Tract, McCreary County, 39 acres**

This is one of a few privately owned tracts within the Cumberland Wild River corridor. It is bordered on two sides by lands managed by the U.S. Forest Service and on one side by a portion of Cumberland Falls State Resort Park.

### **Goebel Tract, Hart County, 127 acres**

This tract is bordered on two sides by the Green River, with over one mile of the river comprising the northern and western property boundaries. Several rare or endangered mussel species are found at the downstream edge of the property. This property is desirable for development, and purchase of the tract will help protect the water quality, plants and wildlife of the Green River.



*Bruce Smith Tract, Wolfe County*

**Joe Jackson Rock Creek Tract, McCreary County, 105 acres**

This tract is an example of a relatively high-quality oak-hickory and cove hardwood woodland, with some storm and insect-damaged shortleaf pine on the eastern side of the property. Acquisition and management of this tract as a natural area will protect this area from development, and help protect the water quality of the unnamed tributary of Rock Creek, which drains the watershed.

**Reynolds Tract, Laurel County, 325 acres**

Sinking Creek, which the Division of Water has classified as an “Outstanding State Resource Water” forms 2.8 miles of the boundary of this property. The creek has endangered mussels. In addition, the tract is nearly surrounded by the Daniel Boone National Forest.

**Bruce Smith Tract, Wolfe County, 200 acres**

This tract is one of the few privately owned properties that border the Red River within the Wild River segment. It has over two miles of river frontage. Accessibility to the Red River makes it important for public use, passive outdoor recreation and education.



## Fiscal Year 2004 Awards

GRANTS	COUNTY	AWARD*
Competitive Grants		
Calloway County Fiscal Court - Fort Heiman (add'l funding)	Calloway	
University of Kentucky - Bluegrass Restoration (add'l funding)	Harrison	
Western Ky. University - East Mammoth Cave Educational Reserve	Hart	
Jessamine County Fiscal Court - Jessamine Creek Preservation	Jessamine	
Livingston County Fiscal Court - Perkins Tract (add'l funding)	Livingston	
<b>Total Competitive</b>		<b>\$2,507,188</b>
State Agency Grants		
Department of Fish and Wildlife Resources		
Legacy State Forest	Adair, Taylor	
Obion Creek Addition	Fulton, Hickman	
Total Department of Fish and Wildlife Resources		<b>\$1,455,710</b>
Nature Preserves Commission		
Carpenter Cave	Allen	
Old Bison Trace	Fleming, Robertson	
Feindel Tract	Franklin	
Blanton Forest (additional funding)	Harlan	
Lincoln County Barrens SNP	Lincoln	
Total Nature Preserves Commission		<b>\$ 764,700</b>
Division of Forestry		
Legacy State Forest	Adair, Taylor	<b>\$ 525,050</b>
Department of Parks		
Legacy State Forest	Adair, Taylor	<b>\$ 200,000</b>
Division of Water - Wild Rivers Program		
Goebel Tract	Hart	
Reynolds Tract	Laurel	
Joe Jackson Rock Creek	McCreary	
Angel Tract	McCreary	
Bruce Smith Tract	Wolfe	
Total Division of Water - Wild Rivers Program		<b>\$1,592,500</b>
<b>Total State Agency</b>		<b>\$4,537,960</b>
<b>GRAND TOTAL</b>		<b><u>\$7,045,148</u></b>
Figures are rounded to the nearest dollar.		
*Due to confidentiality of property negotiations, individual amounts approved are not disclosed.		

## STATUS OF APPROVED PROJECTS

(July 1, 1995 – June 30, 2004; 128 projects)

Agency Abbreviations:		Status Codes:	
KSNPC - Ky. State Nature Preserves Commission		# - number of acres purchased	
F & W - Department of Fish & Wildlife Resources		A - active	
CFC - County Fiscal Court		W - withdraw n	
UCG - Urban County Government		F - acquisition finalized, management, if applicable, in progress	
Parks - Ky. Department of Parks		R - Final Resource Management Plan approved	
Forestry - Ky. Division of Forestry			
Wild Rivers - Ky. Division of Water Wild Rivers Program			
PROJECT NAME	APPLICANT	COUNTY	STATUS
Legacy State Forest	F&W, Forestry, Parks	Adair, Taylor	A
Carpenter Cave (conservation easement)	KSNPC	Allen	A
Axe Lake Swamp Addition	KSNPC	Ballard	312, R
Barlow Bottoms/Stallings Tract	F&W	Ballard	147, F
Boatwright WMA Addition	F&W	Ballard	962, F
Brigadoon State Nature Preserve Addition 1 & 2	KSNPC	Barren	89, R
Boone Wildlife & Recreational Area	F&W, Forestry	Bell	3650, A
Golden Acquisition	Forestry	Bell	288, F
Gladys Jackson Acquisition	Forestry	Bell	W
Gunpowder Creek	Boone CFC	Boone	W
Breckinridge Co. Wildlife Education Park	Breckinridge CFC	Breckinridge	25, R
Yellowbank WMA Inholding	F&W	Breckinridge	220, F
Knobs State Forest (appraisal)	Forestry	Bullitt	A
Apple Valley Glades (conservation easement)	KSNPC	Bullitt	23, F
Dawson Springs Seep Swamp	KSNPC	Caldwell	W
Albert Lisanby Property	Forestry	Caldwell	5, R
Copeland Bluff	Forestry	Caldwell	46, R
Garland Jones Acquisition	Forestry	Caldwell	15, F
Fort Heiman	Calloway CFC	Calloway	A
Parkside Development Tract	Parks	Carroll	W
Charlie Bryant Property	Parks	Carter	108, R
Olive Hill Preservation Project	City of Olive Hill	Carter	215, R
Russell Property	Forestry	Christian	135, R
Lower Howard's Creek & Addition	Clark CFC	Clark	244, 1R, A
Clark Co. Civil War Earthenworks Fortification	Clark CFC	Clark	25, R
Greenbelt Park/Horse Fork Trail	City of Owensboro	Daviess	25, R
Yellow Creek Park	Daviess CFC	Daviess	1, R
Park Mammoth Bat Cave	F&W	Edmonson/Barren	A
Laurel Creek Gorge	Elliott CFC	Elliott	W
Raven Run Addition	Lexington-Fayette UCG	Fayette	97, R
Pete McNeil Property	Forestry	Fleming	W
Marietta Huston Property	F&W	Fleming	811, F
Old Bison Trace	KSNPC	Fleming, Robertson	A
Strohmeier's Hill	KSNPC	Franklin	W
Cove Spring Nature Preserve	City of Frankfort	Franklin	75, A
River Cliffs (donated conservation easement)	KSNPC	Franklin	112, F
Julian Savanna (donated conservation easement)	KSNPC	Franklin	42, F
Feindel Tract (donated conservation easement)	KSNPC	Franklin	A
Emerson-Letourneau Woods	F&W	Fulton	872, F
Obion Creek Addition	F&W	Fulton, Hickman	A
Ky. River Palisades - White Oak Creek	Ky. River Authority	Garrard	447, R
White Oak Creek Addition #3	KNSPC	Garrard	5, R
Terrapin Creek	KSNPC	Graves	61, R, A
Wyatt Jeffries Woods	Green CFC	Green	57, F

## STATUS OF APPROVED PROJECTS (Continued)

Eastview Barrens and Addition	KSNPC	Hardin	119,R,1W
Buffalo Creek Woodlands	City of Elizabethtown	Hardin	W
Springhouse Barrens	KSNPC	Hardin	A
Jim Scudder SNP Addition #1	KSNPC	Hardin	A
Hi Lewis Pine Barrens (private dedication of 138 acres)	KSNPC	Harlan	302,R,A
Blanton Forest	KSNPC	Harlan	1201,R,A
Greene Property & Addition	Forestry	Harlan	324,R
Stone Mountain Recreation Area	Harlan CFC	Harlan	1025,F
Medlin Tract	Wild Rivers	Harlan	11,R
Cupp Acquisition	Forestry	Harlan	396,F
Music Mountain	Harlan CFC	Harlan	W
Polly Howard Tract	Wild Rivers	Harlan	11,F
Black Mountain Appraisal	EKU et. al	Harlan	F
Croushorn Tracts	Wild Rivers	Harlan	1580,F
Christian Tract	Parks	Harlan	A
Cumberland Group Property	Parks	Harlan	A
Pine Mt. Settlement School (private dedication)	KNSPC	Harlan	348,F
Bluegrass Restoration Project	University of Kentucky	Harrison	391,F
Hidden River Cave Project	City of Horse Cave	Hart	9,A
Upper Green River Biological Preserve	Western Ky. University	Hart	670,F
East Mammoth Cave Educational Reserve	Western Ky. University	Hart	A
Goebel Tract	Wild Rivers	Hart	A
Lambert/Holy Name Tracts	Parks	Henderson	W
Pritchett Property	Parks	Henderson	W
Bush Acquisition	Forestry	Henderson	138,F
Green River State Forest Addition	Forestry	Henderson	A
Hardin Bottoms Addition - Ky. River WMA	F&W	Henry	227,F
Crowe Property	Ky. School for the Blind	Henry	306,F
Three Ponds	KSNPC	Hickman	217,R
Jefferson Co. Memorial Forest	Louisville Metro Gov't	Jefferson	282,3R,1F,1W
Tyler-Schooling Property	Louisville Metro Gov't	Jefferson	215,R
Camp Nelson Civil War Site Preservation	Jessamine CFC	Jessamine	59,R
Jessamine Creek Preservation	Jessamine CFC	Jessamine	A
Lincoln's Boyhood Home	Larue CFC	Larue	225,F
Larue County Environmental Center	Larue CFC	Larue	191,F
Thompson Creek Glade SNP Addition #1	KSNPC	Larue	91,F
Reynolds Tract	Wild Rivers	Laurel	A
Bad Branch State Nature Preserve Addition	KSNPC	Letcher	853,1W,R
Gatton/Lewis Additions (Bad Branch SNP)	KSNPC, Wild Rivers	Letcher	A
Tudor/Wright Addition (Bad Branch SNP)	KSNPC	Letcher	A
Lilley Cornett Woods Mineral Estate	Eastern Ky. University	Letcher	R
Hubbard Tract	Wild Rivers	Letcher	W
Wilder Tract	Parks	Letcher	W
Bad Branch North Face Addition	KSNPC	Letcher	W
Hymes Knob	KSNPC	Lewis	351,R,A
Lincoln County Barrens SNP	KSNPC	Lincoln	260,F
Head Vivian Tract	Livingston CFC	Livingston	563,F
Perkins Tract	Livingston CFC	Livingston	462,F
Baker Natural Area	Logan CFC	Logan	66,F
Sarah Williams Property	Parks	Madison	W
Central Kentucky WMA	F&W	Madison	W
Harper Property	Parks	Marshall	W
Perkins Creek Nature Preserve	City of Paducah	McCracken	80,R

## STATUS OF APPROVED PROJECTS (Continued)

Rick Stephens Property	Parks, Wild Rivers	McCreary	119,R
Tucker Project	Wild Rivers	McCreary	23,F
Garland Tract	Wild Rivers	McCreary	W
Joe Jackson Rock Creek	Wild Rivers	McCreary	A
Joe Jackson Little South Fork	Wild Rivers	McCreary	A
Virgil Gibson Conservation Easement	Wild Rivers	McCreary	W
Angel Tract	Wild Rivers	McCreary	A
Broke Leg Falls	Menifee CFC	Menifee	15,F
Peabody WMA survey	F&W	Muhlenberg, Ohio	A
Smoot/Hunter Tract	Parks, KSNPC	Nicholas, Robertson	78,R
Highview Hill, Expansion 1 & 2	Ohio CFC	Ohio	257,R
Ohio County Park Nature Area	Ohio CFC	Ohio	115,R
Conservation Park	Oldham CFC	Oldham	228,F
Gilbert Tract - Ky. River WMA	F&W	Owen	307,F
Pine Mountain Trail State Park	Parks	Pike, etc.	A
Lloyd Pace Property	Parks	Powell	W
Thomas Fuller Property	Parks	Powell	153,R
Nancy Reed Property	Parks	Powell	67,R
Pilot Knob Project	KSNPC	Powell	340,R
Edwards Property	Parks	Powell	41,F
Henson Property	Parks	Powell	72,F
Pilot Knob Addition	Powell CFC	Powell	93,F
Mount Victory Seeps	KSNPC	Pulaski	150,A
Newsome Tract	Parks	Robertson	338,R
Clear Creek Park Greenway	Shelby CFC	Shelby	27,R
Flat Rock Glade	KSNPC	Simpson	30,R
Tebbs Bend Nature & Recreation Area	Taylor CFC	Taylor	172,F
Lost River Cave	Warren CFC	Warren	2,R
Curt Davis Property	Parks, Wild Rivers	Whitley	W
Earl Timmons Property	Wild Rivers	Whitley	W
Bruce Smith Tract	Wild Rivers	Wolfe	A

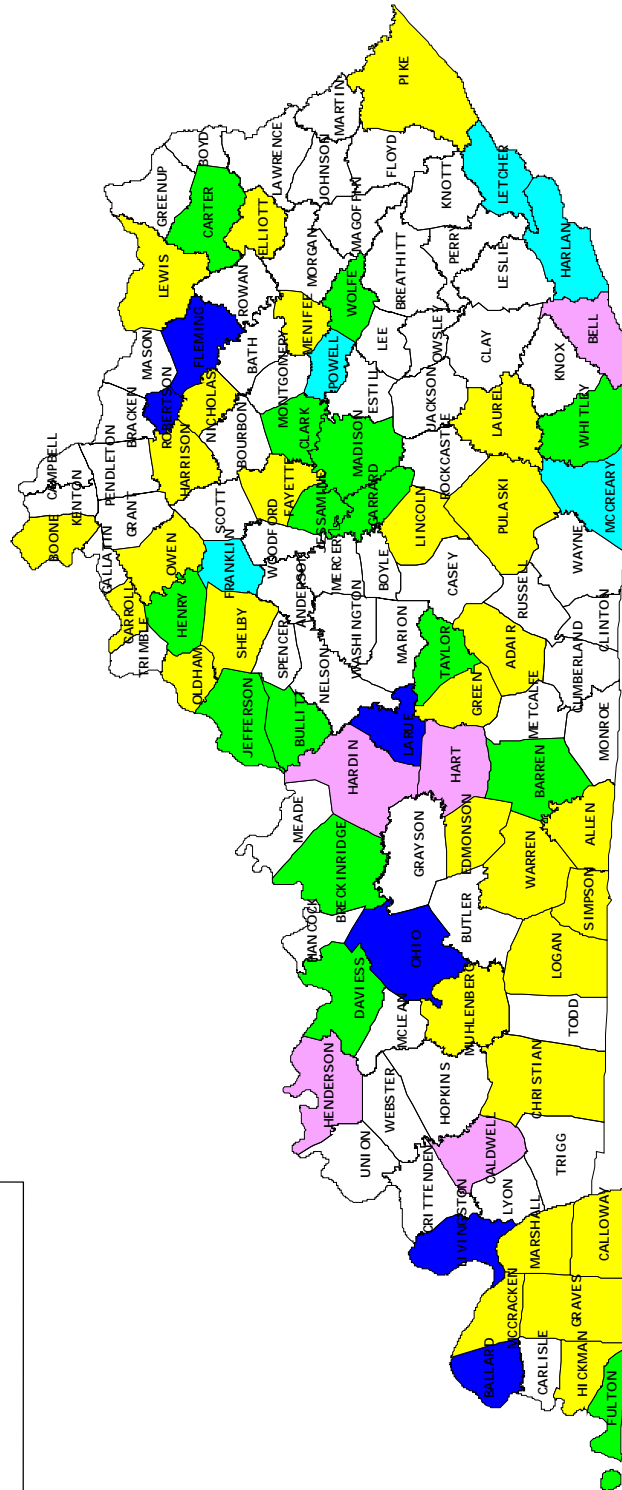
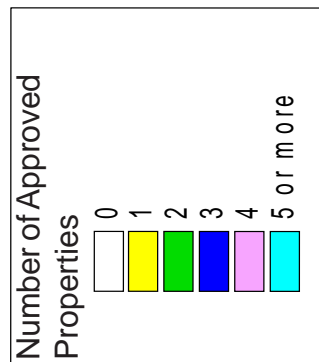


*Reynolds Tract, Laurel County*



# Approved Projects as of June 30, 2004

(Including those withdrawn)



## 2004 Annual Report



## Fiscal Year 2004 Financial Report

<b>Current Year Receipts</b>	
License Plate Sales	\$ 1,187,180
Environmental Fines	2,777,480
Unmined Minerals Tax	1,149,481
Interest Income	359,082
Other Receipts	405
Total Current Fiscal Year Receipts	\$ 5,473,628
<b>Current Year Expenditures</b>	
Land Acquisition and Management	\$ 4,728,502
Environmental Education Council**	150,000
Transfer for Administrative Costs	-
Total Current Fiscal Year Expenditures	\$ 4,878,502

\*\*In accordance with KRS 224.10-250, \$150,000 was transferred to the Kentucky Environmental Education Council, which is to provide leadership and planning for environmental education in the Commonwealth of Kentucky.

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### Cumulative Receipts

Receipts by Source	FY95-FY01	FY02	FY03	FY04	TOTAL
License Plates	\$ 2,536,402	\$ 650,810	\$ 815,218	\$ 1,187,180	\$ 5,189,610
Environmental Fines	11,129,098	1,665,860	1,819,194	2,777,480	17,391,632
Unmined Minerals Tax	14,042,968	1,116,766	1,395,632	1,149,481	17,704,847
Interest	3,335,325	657,827	566,640	359,082	4,918,874
Other Receipts	4,059	170		405	4,634
<b>TOTAL</b>	<b>\$ 31,047,852</b>	<b>\$ 4,091,433</b>	<b>\$ 4,596,684</b>	<b>\$ 5,473,628</b>	<b>\$ 45,209,598</b>

# Environmental Education

## **Kentucky Environmental Education Council** (Report provided by Jane Wilson Eller)

Since its inception over 40 years ago, much environmental education has been episodic, with no long-term plan for improving environmental literacy in Kentucky or the nation. It would be similar to teaching history only occasionally, such as on Lincoln's birthday, using teachers with no particular history background. Kentucky has taken a different tack. An environmental education master plan was published in 1999. We posed a series of "what if" and "how" questions, then devised strategies for improving the quality and delivery of environmental education statewide. Below are some of those questions and strategies:

### **What if all teachers in Kentucky received in-depth training to better prepare them to teach about the environment?**

Strategies: The Environmental Education Endorsement now approved and passed into law. This will make it possible for teachers to specialize in environmental education as they do their graduate work. Several universities will begin offering the endorsement in the next year or so.

Improved preparation for ALL preservice teachers in Kentucky is now required under guidelines from the Education Professional Standards Board. This will be reinforced by the new EE standards from the National Council for the Accreditation of Teacher Education. The NCATE partnership is also a direct outgrowth of the Kentucky Master Plan for EE.

### **What if we design and offer an in-depth professional development program for non formal environmental educators which will prepare them to provide high quality EE to citizens of all ages?**

Strategy: Kentucky now offers a voluntary certification program for all nonformal environmental educators. It is based on the national standards for environmental educators, contains numerous assessments and is one of only three such programs nationwide. Our first class of 40 is currently matriculating through this rigorous program.

### **What if we had a system that could deliver high-quality environmental education at the college level, coordinate services statewide and evaluate current programs?**

Strategy: Create the Kentucky University Partnership for Environmental Education (KUPEE). This is now a functioning network of the eight state universities. It is partially supported by state funds, though expected support from HB 174 funds has been limited.

### **How do we know if our citizens are prepared to deal with environmental issues?**

Strategy: In 1999, working with the UK Survey Research Center, we conducted a survey of environmental knowledge, attitudes and reported behaviors. The results of this survey were published in the first EE Master Plan. In September 2004, we will conduct the survey again and compare responses to see if there have been gains or losses. Though surveys of this type are only snapshots of actual environmental literacy, they can help direct work to certain areas where knowledge or attitudes indicate a special need for better education.

### **How will we prepare Kentucky's future leaders to deal with environmental issues, especially with respect to planned growth?**

Strategy: Sponsor a Youth Environmental Summit on Planned Growth and the Environment. Allow students to conduct their own research on the topic and present that research at a statewide forum. We have now held two youth summits and another is planned for March. We have been pleased by the depth at which students are able to analyze growth issues and how these issues will affect them and their communities.

**KEEC has numerous other initiatives as well. The message we want to convey is that we are not conducting environmental education in the usual way. Instead, we are looking critically at exactly what we believe we need to do to improve environmental literacy and strategically designing programs that meet those needs.**



## Kentucky Heritage Land Conservation Fund Board Members

The 12-member board was established by the Kentucky General Assembly in 1994. Five members are appointed from state government agencies - one each from the Department for Natural Resources, the Department of Fish and Wildlife Resources, the Department of Parks, the Kentucky State Nature Preserves Commission and the Environmental Education Council. Seven members of the board are private citizens selected by the governor from nominations by conservation groups, the Kentucky Academy of Science, agricultural interests and natural resources industries. Dr. William H. Martin, Eastern Kentucky University, has been appointed by the governor to serve as chair of the board.

Citizen members receive no pay for attending quarterly board meetings and serving on committees of the board. Committees review applications and visit project sites, review and monitor site stewardship and provide advice and recommendations on issues coming before the board. Board members for the 2003-04 fiscal year were:

Hugh N. Archer  
Susan Bush  
Commissioner, Department for Natural Resources  
663 Teton Trail  
Frankfort, KY 40601  
(502)564-2184  
Ex Officio

C. Thomas Bennett  
Commissioner, Department of Fish and Wildlife Resources  
#1 Game Farm Road  
Frankfort, KY 40601  
(502)564-3400  
Ex Officio

Ann Latta  
George Ward  
Commissioner, Department of Parks  
10<sup>th</sup> Floor, Capital Plaza Tower  
Frankfort, KY 40601  
(502)564-2172  
Ex Officio

Don Dott  
Director, Kentucky State Nature Preserves Commission  
801 Schenkel Lane  
Frankfort, KY 40601  
(502)573-2886  
Ex Officio

W. Horace Brown  
Chair, Environmental Education Council  
527½ Main Street  
Shelbyville, KY 40065  
(502)633-4754  
Ex Officio

Franklin D. Fitzpatrick  
Kentucky Chapter of the Nature Conservancy  
P.O. Box 326  
Prestonsburg, KY 41653  
(606)886-1312

Dr. William H. Martin, Chair  
Kentucky Academy of Science  
Case Annex 105  
Eastern Kentucky University  
Richmond, KY 40475  
(859)622-1476

Karolyn Hayden, Treasurer  
Agricultural organizations representative  
2138 Hayden School Road  
Cecilia, KY 42724  
(270)862-3247

G. William Little  
Environmental organizations representative  
306 Hoover Hill Road  
Hartford, KY 42347  
(270)298-4237

Dr. Richard Kessler  
Kentucky Academy of Science  
306 Cambridge Way  
Campbellsville, KY 42718  
(270)932-2220

Daniel A. Fister  
League of Kentucky Sportsmen  
218 Loch Lomond Drive  
Lexington, KY 40517  
(859)635-5023

Carl L. Wedekind, Jr., Vice-Chair  
Expertise in natural resources land acquisition  
6218 Deep Cove Court  
Prospect, KY 40059  
(502)228-2083

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The Kentucky Heritage Land Conservation Fund Board is staffed by the Department for Natural Resources. Comments regarding this report should be addressed to:

**Kentucky Heritage Land Conservation Fund Board**  
663 Teton Trail  
Frankfort, Kentucky 40601  
Phone: (502) 564-2184 Fax: (502) 564-6193  
[www.heritageland.ky.gov](http://www.heritageland.ky.gov)